

C-182T Checklists (updated: Sep 17., 2003) Vx: 65KIAS (68 at 10000'), Vy: 82KIAS (77')

San Carlos (SQL), Class D			
ATIS: 125.9 GND: 121.6 CT: 119.0 TPA: 802' MSL ATIS: ___ Wind: ___ at ___ Visibility: ___ Sky: ___ Runway: ___ Altimeter: ___ . ___	ATIS: ___ Wind: ___ Visibility: ___ Sky: ___ Runway: ___ Altimeter: ___	ATIS: ___ Wind: ___ Visibility: ___ Sky: ___ Runway: ___ Altimeter: ___	ATIS: ___ Wind: ___ Visibility: ___ Sky: ___ Runway: ___ Altimeter: ___

C-182T

Palo Alto (PAO), Class D	Moffett (NUQ), Class D
ATIS: 120.6 GND: 125.0 CT: 118.6 TPA: Bay: 800', Town: 1000'	ATIS: 124.175 GND: 121.85 CT: 119.55 TPA: 1000' MSL
Livermore (LVK), Class D	San Jose (SJC), Class C
ATIS: 119.65 GND: 121.6 CT: 118.1 TPA: 1400' MSL	ATIS: 126.95 GND: 121.7 CT: 120.7, 124.0 TPA: 1000' MSL
Hayward (HWD), Class D	Half Moon Bay (HAF), Class G
ATIS: 126.7 GND: 121.4 CT: 120.2 TPA: 650' MSL,	CTAF: 122.8 TPA: 1000' MSL

START	RUN-UP	TAKEOFF	PRE-LANDING
1. Cargo door - CLOSED 2. AD stickers <->TACH 3. Avionics: OFF 4. Throttle: 1/4 INCH 5. Propeller: HIGH RPM 6. Mixture: FULL LEAN 7. Prop: CLEAR 8. Master: ON 9. Beacon: ON 10. Aux. fuel pump - ON 11. Mixture: advance until fuel flow starts to rise 12. Aux. fuel pump - OFF If engine is warm, omit 9, 10 and 11. 13. Mags: START 14. Mixture - ADVANCE 15. Oil pressure- CHECK 16. Lights: As Req. 17. Flaps: UP 18. Avionics: ON / SET	1. Brakes: SET 2. Check flight controls 3. Check flight instruments 4. Fuel: BOTH 5. Mixture: BEST PWR 6. 1800 rpm 7. Magneto check (max. 150 rpm drop / 50 rpm diff.) 8. Prop: Cycle 3x. HIGH rpm to LOW and back. 9. Vacuum 10. Oil pressure / temp 11. Amps / Volts Master sw. altrntor -CHK 12. Ann panel - NO LIGHTS 13. Idle - Check Closed 14. <1000RPM, throttle frict. 15. Auto-pilot check override 16. VOR / ADF check (IFR)	Full throttle and 2400 RPM Rotate at 50-60KIAS Climb at 80 KIAS (no flaps) 70 KIAS (20° flaps) <div style="border: 1px solid black; padding: 2px; text-align: center;">CLIMB</div> 1. 75-95 KIAS 2. Pwr: 23" Hg, 2400. RPM 3. Flaps up at 100' AGL 4. Fuel: BOTH 5. Mixture 15GPH or full rich, whichever is less 6. Cowl flaps: OPEN as req. 7. Instruments 8. Taxi/Landing light: OFF 9. Flight Plan: OPEN	1. Seat-belt / Harness 2. Fuel: BOTH 3. Mixture: BEST PWR 4. Propeller: HIGH RPM 5. Landing Lt ON 6. Autopilot: OFF
			<div style="border: 1px solid black; padding: 2px; text-align: center;">LANDING</div> Flaps-40° Or As Req. Speed 60-70 KIAS (flaps) 70-80 KIAS (no flaps)
			<div style="border: 1px solid black; padding: 2px; text-align: center;">AFTER-LANDING</div> 1. Flaps: UP 2. Cowl flaps: OPEN 3. Strobes: OFF 4. Landing Lt OFF 5. Taxi light: AS REQ. 6. Pitot heat: OFF 7. Transp.: STANDBY 8. Mixture: LN FOR TAXI 9. Trims: TAKEOFF
		<div style="border: 1px solid black; padding: 2px; text-align: center;">CRUISE</div> 1. Pwr 15-23"Hg, 2000-2400 RPM (max 80% power) 2. Mixture - use placard 3. Instruments 4. H.I. To Compass 5. GPS / NAV switch 6. Cowl flaps CLOSED	
<div style="border: 1px solid black; padding: 2px; text-align: center;">PRE-TAXI & TAXI</div> Seat belt / Harness Lean mixture Heat / Vent / Defrost Transponder: STDBY Taxi light: AS REQ. Radio - Test H.I. To compass Brakes - Test Attitude indicator - Test Turn Coord. - Test	Noise abatement / curfews Flaps: 10° Cowl flaps OPEN Trims: TAKEOFF Fuel: BOTH H.I To compass Doors / Windows Time: Note Brakes: Release Lights/Camera/Action: - Landing/nav light, Strobes - Transp: ALT SQWK - Mixture: BEST POWER	<div style="border: 1px solid black; padding: 2px; text-align: center;">DESCENT</div> 1. Mixture: ENRICHEN 2. Cowl flaps - CLOSED 3. Fuel: BOTH 4. Altimeter: SET 5. Instruments 6. H.I. To Compass 7. GPS / NAV switch 8. Landing Lt. ON	<div style="border: 1px solid black; padding: 2px; text-align: center;">SECURING</div> Avionics: OFF Throttle: 1200 RPM Mixture: FULL-LEAN Mags: OFF Master: OFF Lights: OFF Fuel selector RIGHT Hobbs /Tach Time Control-lock: IN Chocks

EMERGENCIES	WEIGHT & BALANCE
POWER-LOSS AFTER T-O 1. BEST GLIDE - 75KIAS (no flaps) 70KIAS (flaps) 2. MIXTURE - FULL LEAN 3. FUEL SELECTOR - OFF 4. IGNITION - OFF 5. FLAPS - DOWN 6. MASTER - OFF 7. Cabin door - UNLATCH 8. Land - STRAIGHT AHEAD	N51759 max T-O: 3100lbs max landing: 2950lbs Empty Wt: 1978.4 37.7 74732 Front Px: _____ 37 _____ Rear Px: _____ 74 _____ Baggage: _____ 97 _____ Fuel: _____ 48 _____ Total: _____ C.G. Limits: 33.0 to 46.0 @ 2250lbs 35.5 to 46.0 @ 2700lbs 40.9 to 46.0 @ 3100lbs
POWER-LOSS IN FLIGHT 1. Best glide speed - 75KIAS 2. Fuel - BOTH, Master - ON 3. Aux fuel pump - ON 4. Mixture: FULL RICH 5. MAGS: BOTH, try R & L If prop is windmilling, eng. should start in a few secs. If prop stopped (at low speeds), Ignition - START, Throttle - adv. slowly from idle, Mixture - lean from full rich. 6. If engine re-started: fuel pump - OFF If fuel flow drops to 0, fuel pump back ON Simultaneously: 7. Note Wind dir. & velocity 8. Spot landing site (turn around)	<div style="border: 1px solid black; padding: 2px; text-align: center;">EMERG. LDG NO ENG PWR</div> 1. Seat backs - MOST UPRIGHT 2. Seats & seat belts - SECURE 3. BEST GLIDE - 75KIAS (no flaps) 70KIAS (flaps) 4. Mixture- IDLE CUTOFF 5. Fuel - OFF (push down and rotate) 6. Ignition - OFF 7. Flaps (full recommended) 8. Master - OFF (when landing assured) 9. Doors - UNLATCH 10 Touchdown - SLIGHTLY TAIL LOW 11. Brakes - APPLY HEAVILY
<div style="border: 1px solid black; padding: 2px; text-align: center;">GO-AROUND</div> 1. Full throttle and 2400RPM 2. Flaps up to 20° 3. Climb speed - 55 KIAS 4. Flaps up slowly at safe altitude & 70KIAS 5. Cowl flaps - OPEN	<div style="border: 1px solid black; padding: 2px; text-align: center;">BEFORE STARTING</div> 1. AROW documents 2. Preflight inspection 3. Passenger briefing 4. Seat-track/Back-Lock 5. Brakes - TEST and SET 6. Circuit breakers CHECK 7. Master - ON 8. Avionics - ON 9 ATIS / AWOS, altimeter 10. Electrical eqpmnt - OFF 11. Avionics: OFF 12. Master - OFF 13. Cowl flaps: OPEN 14. Fuel: BOTH